

Title (en)

Pyrophosphorolysis activated polymerization (PAP): application to allele-specific amplification and nucleic acid sequence determination

Title (de)

Pyrophosphorolyse-aktivierte Polymerisierung: Anwendung auf die allelespezifische Verstärkung und Nukleinsäuresequenzbestimmung

Title (fr)

Polymérisation activée par pyrophosphorolyse (PAP): application à l'amplification spécifique des allèles et à la détermination des séquences d'acides nucléiques

Publication

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Application

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Priority

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Abstract (en)

An isolated oligonucleotide primer having a non-extendible 3' terminus, wherein said oligonucleotide primer with the non-extendible 3' terminus is incapable of being extended by a DNA polymerase and wherein said non-extendible 3' terminus is removable by pyrophosphorolysis and a kit for pyrophosphorolysis activated polymerization (PAP) comprising said primer and a DNA polymerase.

IPC 8 full level

C12Q 1/68 (2006.01); **G01N 33/53** (2006.01); **C12N 15/09** (2006.01); **C12Q 1/48** (2006.01); **G01N 33/566** (2006.01); **G01N 33/58** (2006.01)

CPC (source: EP US)

C12Q 1/6858 (2013.01 - EP US); **C12Q 1/6869** (2013.01 - EP US)

C-Set (source: EP US)

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2. **C12Q 1/6869** + **C12Q 2565/301** + **C12Q 2525/186**
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